

BERNBLYUM, L. S.

USSR/Chemistry - Electrochemistry

"Determination of Coefficients of Diffusion of Ions in Salt Melts," Yu. K. Delimarskiy, B. F. Parkov, L. S. Bernblyum, Inst Genand Inorg Chem (Kiev), Acad Sci Uk SSR

Zhur Fiz Khim, Vol 27, No 12, pp 1845-55 1953

Proposes a method for detn of diffusion coefs of ions in melts which is based on measurement of the reduction of current with time at flat surface electrodes. Detd these coefs for Ag in an equimol melt of $\text{KNO}_3\text{-NaNO}_3$ and an eutectic melt of KCl-LiCl .

275T14

BERNBOYM, A., inzhener.

Variation in the design of a bottom transportation passage for a warehouse with sloping floors. Muk.-elev. prom. 23 no.6:10-11 Je '57. (MIRA 10:9)

1. Orenburgskiy khlebopriyemnyy punkt.
(Warehouses)

BERNSEN, Emilia

Books on technology in the Diesel Engine Factory in Andrychow.
Przeł techn 85 no.47:11 22 N '64.

BERNDT, J.

Herbaceous vegetation of the yew-tree reservation in Wierzchias. p. 43.
(BIOLOGIA, Vol. 15, No. 1, 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) IC, Vol. 6, No. 9. Sept. 1957 Uncl.

BERNET, J. ;LACKOWSKI, E.

Congress of the International Organization for Standardization in Paris,
December 3-7, 1956

P. 147 (PRZEGLAD PAPIERNICZY) (Lodz, Poland) Vol. 13, no. 5, May 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5. 1958

BERNDT, J.

"Corydalis lutea (L.), a new plant of the Polish flora"

p. 133 (Studia, Sectio D: Botanica, Vol. 2, no. 3/7, 1958, Torun, Poland)

Monthly Index of East European Accessions (EEI) LC, Vol. 8, No. 1, Jan. 59.

BERNDT, Janusz, inż.

How to increase the efficiency of the dryer part of paper machines? Przegł papier 20 no.2:42-45 F'64.

1. Instytut Celulozowo-Papierniczy, Lodz.

BERNDT, N.V.; STOLYAROVA, T.A., kand. ekon. nauk

Potentialities for lowering passenger transportation cost.
Zhel. dor. transp. 41 no.10:20-22 0 '59. (MIRA 13:2)

1. Nachal'nik planovo-ekonomicheskogo otdela Oktyabr'skoy dorogi (for Berndt).

(Railroads--Passenger traffic)

KOMARNITSKIY, Yu.A.; ORLOV, A.V.; SUBBOTIN, A.S.; BERNDT, N.V.,
retsenzent; KOLTUNOVA, M.P., red.; VOROTNIKOVA, L.F.,
tekhn. red.

[Potentials for increasing labor productivity on railroads]
Rezerty rosta proizvoditel'nosti truda na zheleznykh dorozh-
gakh. Moskva, Transzheldorizdat, 1963. 152 p.

(MIRA 16:5)

(Railroads--Labor productivity)

BERNDT, N.V., insh. (Leningrad)

More about the indices of labor productivity. Zhel.dor.transp. 47
no.10:71-74 0 '65. (MIRA 18:10)

BERNDT, N.V., inzh.; DANILOV, V.I., inzh.; SOKOLOVA, I.N., inzh.;
VASIL'YEVA, N.N., tekhn. red.

[Production and financial plan of a railroad division] Pro-
izvodstvenno-finansovyi plan otdelenia zheleznoi dorogi.
Moskva, Transzheldorizdat, 1963. 146 p. (MIRA 16:8)
(Railroads--Management)

BERNDT, N.V.

Labor productivity indices. Zhel.dor.transp. 46 no.3:72-74. Mr
'64. (MIRA 17:3)

1. Nachal'nik planovo-ekonomicheskogo otдела Otktyabr'skoy dorogi,
Leningrad.

BERNDT, R.

Our experiences with the Unimog universal tractor.

p. 64 (Zemedske Stroje) Vol. 2, no. 3, Mar. 1957 Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, -Vol. 7, No. 1, Jan. 1958

BERNDT, W.

"Determination of the polydispersion of cellulose by fractional precipitation of its alkaline solutions." *Chemicke Zvesti, Bratislava*, Vol 7, No 10, Dec 1953, p. 649.

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

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APPROVED FOR RELEASE: 06/08/2000

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BERNDT, W.

TECHNOLOGY

PERIODICAL: CHEMICKY PRUMYSL, VOL. 8, no. 11, 1958

Berndt, W. and others. Contribution to the method of manufacturing viscose from a mixture of beechwood sulfate cellulose and spruce sulfite cellulose. p. 608.
Vol. 8, no. 12, Dec. 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, no. 5,
May 1959, Unclass.

COUNTRY : CZECHOSLOVAKIA II
CATEGORY : Chemical Technology Chemical Products and
Their Applications. Artificial and Synthetic*
ABS. JOUR. : RZKhim., No. 19, 1958, No. 69925
AUTHOR : Berndt, W.; Blace, Z.; Picmaus, J.; Berndtova.
INST. : -
TITLE : Production of Viscose from a Mixture of Beech
(Sulfate) and Spruce (Sulfite) Cellulose
ORIG. PUB. : Chem. prumysl, 1958, 8, No 11, 608-613
ABSTRACT : It has been found that to the spruce (sulfite)
cellulose (C) beech (sulfate) cellulose, of
lower average degree of polymerization (approx.
600), may be added thus eliminating differences
in reactivities of both types of C. C derived
from beech is normally less reactive than the
former. Filterability of a viscose is impai-
red with the increased content of beech C.
The author concludes that the use of spruce
and beech C individually is more profitable.
--D. Corin.
*Fibers.
CARD: 1/1

BERNDT, W.

Influence of sodium sulfite on the change of polymerization degree of cellulose in the course of xanthation. W. Berndt and Z. Blace. *Chem. průmysl* 9, 272-3(1959).

The presence of Na_2SO_3 does not retard the degradation of cellulose during the xanthation process, whereas a retarding effect of Na_2SO_3 upon degradation is observed during the preliminary ripening. In the presence of $\text{Na}_2\text{S} + \text{Na}_2\text{SO}_3$, the course of degradation during ripening is the same as without Na_2SO_3 , the retarding effect of the latter being overshadowed by Na_2S .

J. Sebenda

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BERNDT, W. ; BLACE, Z.

Contribution to the evaluation of the avivage content in the viscose staple fiber. p. 271.

TEXTIL. (Ministerstvo lehkeho prumyslu) Praha, Czechoslovakia,
Vol. 14, no. 7, July 1959.

Monthly List of East European Accession (EEAI), LC Vol. 9, no. 2,
Feb. 1960.

Uncl.

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology Chemical Products and
Their Applications, Artificial and Synthetic*
ABS. JOUR. : RZKhim., No. 19, 1959, No. 69926
AUTHOR : Berndt, W.; Place, Z.; Ficmaus, J.; Berndtova.
TITLE : Production of Viscose from a Mixture of Beech
(Sulfate) and Spruce (Sulfite) Cellulose
ORIG. PUB. : Chem. prumysl, 1958, 8, No 11, 608-613
ABSTRACT : It has been found that to the spruce (sulfite)
cellulose (C) beech (sulfate) cellulose, of
lower average degree of polymerization (number,
600), may be added thus eliminating differences
in reactivities of both types of C. C derived
from beech is normally less reactive than the
former. Filterability of a viscose is impai-
red with the increased content of beech C.
The author concludes that the use of spruce
and beech C individually is more profitable.
--D. Gorin.
*Fibers.
CARD: 1/1

BERNE, I.; LENARD, H.

Traveling geography course in the Rzeszow region. p. 23
(Geografia W. Szkole, Vol. 10, no. 1, Jan/Feb. 1957 Poland)

SO: Monthly list of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

BERNE, L.

"Metatron," a cloud factory. Tekh. mol. 29 no.12:28-30
'61. (MIRA 15:1)

(Rain making)

TEIU, I., prof.; ARTEMI, V., dr.; CHIMPESCU, M., dr.; CRACIUN, Eufrosina,
dr.; DIMITRIU, A.V., dr.; BERNEA, A., dr.; DANCIU, SOU, Venera, dr.

Considerations on contact roentgen therapy in laryngeal cancer.
Otorinolaringologie (Bucur.) 9 no.4:303-309 6-7 '64

1. lucrare efectuata in Clinica de otorinolaringologie, Bucuresti.

BERNEL, I., ing.

Secrecy of the difference of the third decimal fraction.
St si Teh Buc 14 no.10:28-29 0 '62.

BERNEAGA, A.

EXCERPTA MEDICA Sec.9 Vol.12/4 Surgery April 1958

1923. (508) THE PARAVERTEBRAL PUNCTURES IN THE MANAGEMENT OF POTT'S DISEASE IN CHILDREN - Puncțiile paravertebrale în tratamentul morbului Pott la copil - Economu Th., Berneagă A., Frunză A., Purice E. and Gavriliță N. Clin. de Chir. Infant. și Ortop., Inst. de Med., Iași - REV. MED. -CHIR. 1957, 61/1 (143-152) Tables 4

The experience with 1750 paravertebral punctures performed in 120 children with Pott's disease is presented. The technique of punctures with aspiration and washing out of the abscess cavity is described. In some cases the needle was left in place for 2-9 days. The method was satisfactory in the treatment of local lesions and pottic abscesses in children, with better results in the cases of recent abscesses and in young children. Paraplegia caused by abscess can be ameliorated and sometimes even cured (6 of the authors' 14 cases). Operation is necessary in the cases with paraplegia with slow recovery and also in the cases of abscess with membranes and sequestrs and fungus. The paravertebral punctures shorten the evolution of the disease, and bring about a definite cure in the majority of cases and considerably diminish the lethality.

(IX. 15)

TUDORANU, Gh., prof.; POPA, Gh., dr.; ROZIN, A., dr.; BERNEAGA, O., dr.

Eosinophilic leukemoid syndrome of allergic origin. Med. intern.,
Bucur 12 no.7:1107-1109 J1 '60.

1. Lucrare efectuata in Clinica I medicala, Iasi, director prof.
Gh. Tudoranu.

(ALLERGY, case reports) (EOSINOPHILIA, case reports)
(LEUKEMIA, diagnosis)

TUDORANU, Gh., prof.; BERNEAGA, Ortansa, dr.; TURCANU, H., dr.; NEGOITA, Margereta, dr.; VACARU, Olimpia, dr.; MARINESCU, C., dr.; BORGOVAN, Lucia, dr.

Experience of the Medical Clinic I of Iasi in the problem of bone marrow transplantation. Med. intern. 14 no.10:1245-1251 0 '62.

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(BONE MARROW) (LEUKOPENIA) (BONE MARROW DISEASES)
(RADIATION INJURY) (LEUKEMIA)

NEGOITA, C., conf.; BERNEAGA, Ortansa, dr.; NICULESCU, Paula, dr.; POLLINGHER, B., dr.; HERSCOVICI, Rasela, dr.; PINTILIE, St., dr.

Problem of the diagnosis of secondary arterial hypertension. Med. intern. 15 no.2:191-197 F '63.

1. Lucrare efectuata in Clinica I medicala, Institutul de medicina, Iasi (director: prof. Gh. Tudoranu).

(HYPERTENSION)	(HYPERTENSION, RENAL)	(DIAGNOSIS)
(KIDNEY DISEASES)	(RENAL ARTERY OBSTRUCTION)	(ADRENAL GLAND DISEASES)
(COLLAGEN DISEASES)	(VASCULAR DISEASES)	

BERNEL, I., ing.

Chlorine, the yellow dragon. St si Teh Buc 14 no.6:16-17 Je
'62.

BERNER, Jan

Cystic lymphangioma of the greater omentum. Polski przegl. chir. 31
no.6:709-711 June 59.

1. Z Oddziału Chirurgicznego szpitala im. Stefana Zeromekiego w
Pabianicach Ordynator: dr M. Dobulewicz.

(LYMPHANGIOMA, case reports) (OMENTUM, neoplasms)

BERNER, M.

Collective farms are building roads. Sel'. stroi. 12 no.7:16 J1 '57.
(MLRA 10:8)

1. Tekhnik dorozhnogo otdela Istrinskogo rayispolkoma, Moskovskoy oblasti.

(Moscow Province--Road construction)

POLAND

BERNER, Maria, Dr. [Affiliation not given]

"Medicinal Herbs in Therapy."

Warsaw, Farmacja Polska, Vol 19, No 8, 25 Apr 63, p 159.

Abstract: A statement in defense of the use of medicinal herbs in medicine. Medicinal herbs, having for a while taken second place to chemical and synthetic preparations, and having proven themselves less toxic and more appropriate for the human organism -- are again taking their rightful place in medication. The many studies of their effects and their careful preparation is now giving them added status and importance. There are no references.

|1/1

TURKOVA, N.S.; BERNER, R.

Changes in the activity of adenosinetriphosphatase in lodged oat-stems due to the effect of heteroauxin. Nauch.dokl.vys.shkoly; biol. nauki no.2:140-143 '60. (MIRA 13:4)

1. Rekomendovana kafedroy fiziologii rasteniy Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(INDOLACETIC ACID) (ADENOSINETRIPHOSPHATASE)
(PLANTS--IRRITABILITY AND MOVEMENTS)

TURKOVA, N.S.; SIN MEY-IN [Hsing Mei-Ying]; BERNER, R.; YEMINA, I.P.

Factors determining spatial orientation of leaves and stems in connection with the study of conditions producing lodging.
Vest.Mosk.un.Ser.6: Biol., pochv. 15 no.1:37-45 '60. (MIRA 13:9)

1. Kafedra fiziologii rasteniy Moskovskogo universiteta.
(Nucleic acids)
(Botany--Morphology)

EYFER, I.Z.; BERNER, Ye.I.

Electrophysical properties of viscose fibers. Khim. volok.
no.4:45-49 '63. (MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusst-
vennogo volokna.

EYFER, I.Z.; BERNER, Ye.I.

Thermophysical properties of the fibers of hydrated cellulose.
Khim. volok. no.4:44-46 '64. (MIRA 18:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

SAKHAROV, I.P.; EYFER, I.Z.; BERNER, Ye.I.

High-intensity drying of rayon fiber packages in fields of
high-frequency currents. Khim. volok. no.4:44-48 '65.

(MIRA 18.8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut iskusstvennogo
volokna.

BERNERIS, V., gyd.; KRULIKIENE, N., vyr. med. sesuo

First aid in mental disorders. Sveik. apsaug. 7 no.4(76):50-51 Ap '62.

1. Resp. Kauno psichoneurologine ligonine.

(MENTAL DISORDERS) (FIRST AID)

BERNESCU, E.

BOPEZ, G.; TEODOROVICH, Gr. [Teodorovici, Gr.]; LUPUSHOR, G. [Lupusor, Gh.];
NITSESKU, S. [Nitescu, S.]; BERNESCU, Ye. [Bernescu, E.]

Preparation of antibiotic tablets for the determination of bacterial
sensitivity by means of the agar diffusion method. Antibiotiki
5 no.6:80-83 N-D '60. (MIRA 14:3)

1. Politekhniicheskiy institut i Meditsinskiy institut, Yassy, Rumyniya.
(ANTIBIOTICS)

DUCA, Eugenia; DUCA, M.; HANDRACHE, Ludmila; VANCEA, Georgeta; MURGESCU, Tanta;
BERNESCU, Elisabeta

Dynamics of antibodies in white rats during the preparation of
reference immune sera with West Nile virus of the Egypt 101
strain. Stud. cercet. inframicrobiol. 15 no.1:37-41 '64.

TEODOROVICI, Gr.; BALTEANU, Ecaterina; BERNESCU, Elisabeta; PENCEA, I.; PAVEL,
Mariana

Sensibility of some staphylococcal strains to oleandomycin-tetracycline
(sigmamycin). Microbiologia (Bucur) 6 no.1:59 Ja-F '61.

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RUMANIA

576.8.097.35:616.988.2(ARBO)

DUCA, Eugenia, DUCA, M., BIBERI-MOROIANU, Sanda, MOROSANU, Valeria, BERNESCU, Elisabeta, and VANOEBA, Georgeta, of the IMF [Institutul de Medicina si Farmacie; Medical-Pharmaceutical Institute] Iasi.

"The Hemagglutination Inhibition Reaction with West Nile Antigen in the Deceleration of Antibodies Against Group B Arboviruses."

Bucharest, Studii si Cercetari de Inframicrobiologie, Vol 17, No 3, 66, pp 197-208.

Abstract: The authors demonstrate that west Nile hemagglutinating antigen is an accurate indication for the presence in human or animal sera of inhibiting antibodies against group B tick encephalitis. The serological data indicate that different group B viruses are present in Rumania, with antibodies against the Russian spring-summer encephalitis predominating in the Northeast and antibodies against the West Nile variety predominating in the Southwest. Large percentages of Rumanian herons and moor hens showed the presence of inhibiting antibodies against West Nile virus. Includes 9 tables and 2 figures. Also includes a bibliography with 45 references, of which 10 Rumanian, 4 Russian, 11 other Eastern European, 4 German, one French and 15 English-language.

1/1

- 44 -

BERNESCU, Elisabeta, dr.

Human pseudotuberculosis confirmed by isolation of the germ
from urine. Microbiologia (Bucur.) 9 no.4:337-342 Jl-Ag '64

1. Lucrare efectuata in laboratorul de microbiologie din
Institutul de medicina si farmacie, Iasi.

L 13188-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6005732

SOURCE CODE: RU/0023/65/010/001/0069/0075

AUTHOR: Fulga, C. (Doctor); Bernetti, E. (Doctor); Constantinescu, N. (Doctor); Dumitrescu, I. (Doctor)

ORG: Hospital for contagious diseases, Ploiesti (Spitalul de boli contagioase)

TITLE: Encephalitis ^{PHH-25} topical problem

SOURCE: Microbiologia, parazitologia, epidemiologia, v. 10, no. 1, 1965, 69-75

TOPIC TAGS: nervous system disease, epidemiology, encephalitis, virology, clinical medicine

ABSTRACT: The authors report on 242 cases of primitive infections of the central nervous system of probably viral origin, occurring in Ploiesti region. The clinical and epidemiological analysis shows that the number of cases of encephalitis is on the increase since 1950; that the cases are dispersed throughout the region without epidemic foci, with 60 percent of the cases and 40 percent of the mortality among children under 10 years and especially under one year; and that the frequency is greater during the winter. The authors suggest that encephalitis be declared a reportable disease to facilitate the collection of statistics and the proper epidemiological study of the disease. Orig. art. has: 4 figures and 1 table. ^{JPRS}

SUB CODE: 06 SUBM DATE: 02Jul65
Card 1/1 ^{NW}

UDC: 616.831-002-022.78

31
B

BERNEY, I., kandidat tekhnicheskikh nauk; ZARETSKIY, B., inzhener.

Additional press rollers for sheet-rolling machines. Stroi.
mat., izd.1 konstr. 2 no.9:7-9 S '56. (MLRA 9:11)
(Asbestos cement) (Cement industries--Equipment and
supplies)

BERNEY, I. I.

Mixing Machinery

Research in utilization of cement mixers. Trudy VNIASBESTSEMENT no. 2, 1951.

9. Monthly List of Russian Accessions, Library of Congress, March 1953², Uncl.

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BERNEY, I., kandidat tekhnicheskikh nauk; KOSOLAPOV, M., inzhener

Quality of asbestos cement products and technical control in producing them. Stroi.mat., izdel. i konstr. 1 no.8:13-17 Ag'55.
(Asbestos cement) (MLRA 8:11)

BERNEY, I. I.

USSR/Chemical Technology. Chemical Products and Their Application -- Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 2, 1957, 5297

Author: Berney, I. I.

Institution: All-Union Scientific Research Institute of Asbestos, Mica and
Asbestocement Articles

Title: Adhesion of Cement to Asbestos Fibers and Its Effect on Physico-
Mechanical Properties of Asbestocement

Original

Publication: Tr. Vses. n.-i. in-ta asbesta, slyudy, asbestotssement. izdelyi,
1956, No 4, 38-57

Abstract: By microscopic investigations of the structure of asbestos-cement
particles and by filtration analyses of asbestos-cement suspensions,
it was ascertained that extent of adhesion constitutes the most im-
portant factor, which determines the quality of asbestocement; that
it depends on the physicochemical properties of the raw materials,
being determined by the degree of fluffing of the asbestos (up to a
certain optimal limit) and the mineralogical composition of the cement.

Card 1/1

BERNEY, Ivan Ivanovich, kand. tekhn. nauk; SOKOLOV, P.N., prof., nauchnyy red.;
SHPANOV, N.V., inzh., nauchnyy red.; PEVZNER, V.S., red.; GILLENSON,
P.G., tekhn.red.

[Manufacturing asbestos cement sheets; theory and design] Formova-
nie asbestotsementnykh listov; teoriya i raschet. Moskva, Gos.
izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 278 p.
(Asbestos cement) (MIRA 11:5)

BERNEY, I. I.

PHASE I BOOK EXPLOITATION 661

Berney, Ivan Ivanovich, Candidate of Technical Sciences

- Formovaniye asbestotssementnykh listov; teoriya i raschet (Manufacture of Asbestos Cement Sheets; Theory and Design) Moscow, Gosstroyizdat, 1958. 278 p. 2,000 copies printed.

Scientific Eds.: Sokolov, P. N., Professor, and Shpanov, N. V., Engineer; Ed.: Pevzner, V. S.; Tech. Ed.: Gilenson, P. G.

PURPOSE: The book is intended for engineering and technical personnel and scientific research workers engaged in the asbestos cement industry and in other branches of industry where screen cylinder machines are used. It may also be used as a textbook for students taking courses in asbestos cement production.

COVERAGE: The book is the first work devoted to the study of the manufacturing processes connected with the production of asbestos cement sheets on screen cylinder machines, i. e., filtration of asbestos cement suspensions, vacuum drying of an asbestos cement coating and dehydration of the coating by pressing it out with rollers. Data on the structure and properties of asbestos-cement suspensions are given. The effect of the operating conditions of the machine on the quality of asbestos cement sheets is investigated.

Card 1/8

Manufacture of Asbestos Cement Sheets (Cont.)

661

The author established the applicability of the above-mentioned mechanism to the filtration processes of asbestos-cement-sand, asbestos-lime-sand, cellulose and other suspensions. Emphasis is placed on new methods and instruments especially designed for studying the processes of suspension filtration, water filtration in the pores of industrial cloth and asbestos cement coating, the mechanical properties of cloth, coating and sheets, and, finally, the plasticity of freshly formed sheets. Recommendations are given for improving the construction and performance of sheet rolling machinery. The author thanks L. A. Stukovkina, A. I. Zhuravleva, A. A. Barannik and B. I. Zhuravlev for their participation in numerous and difficult experiments. The author did his research work at the Asbestos board factory imeni Komintern (1947-1948), the VNIAsbesttsement Institute (1949-1954), and at the Magnitogorsk Metallurgical Institute (1956). There are 97 references, 70 of which are Soviet, 20 English, 4 German, 2 Swedish and 1 Polish.

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PART V. CONSIDERATION OF MANUFACTURING PROCESSES
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S/081/62/000/002/076/107
B150/B101

AUTHOR: Berney, I. I.

TITLE: The use of pulverized quartz (marshallite) as an aggregate for concretes

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1962, 391, abstract 2K350 (Sb. "Primeneniye melkikh peskov v betone i metody podbora sostava betone", M., Gosstroyizdat, 1961, 72 - 77)

TEXT: It was established that marshallite, a white rock occurring on the surface of the earth and consisting of crystalline silica and a certain amount of feldspar, is a rich aggregate for concrete when it contains some 47% of dust. Quartz dust with specific surface 2800 - 3000 cm²/g is investigated as an additive to cement, increasing its activity. Quartz dust, the presence of which is useful in determined limits, must be distinguished from the dust in fine sands containing argillaceous particles with specific surface 1200 - 2000cm²/g, the introduction of which into concrete is undesirable. [Abstracter's note: Complete translation.]

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